620-58 SMW/LP5744446





As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| <b>2</b> ,   | POL  | YNUCLEOTIDE AND ITS US  | SE FOR MODULATING A DEFENC   | E RESPONSE IN PL  | ANTS   |
|--|--|---|--|---|--|
| the spe  | ecification of which (check  | capplicable box(s)):  |  |   |  |
|  | s attached hereto  |   |  |   |  |
|  | was filed on   | January 29, 1999  | as U.S. Application Serial No.   | 09/230,728  | (Atty Dkt. No. 620-58)   |
| ⊠ v  | was filed as PCT Internati   | onal application No.  | PCT/GB97/02046   | on 29 July 19   | 97   |
| and (if  | applicable to U.S. or PCT  | application) was amended or   | n  |   |  |
| amenda<br>with 37<br>listed be<br>which p<br>Priority                                      | ment referred to above. In C.F.R. 1.56. I hereby classified and have also identification in the control of the  | acknowledge the duty to disc<br>tim foreign priority benefits un<br>fied below any foreign applica  | nts of the above identified specifications information which is material to ider 35 U.S.C. 119/365 of any foreignation for patent or inventor's certification for date of this application:  Country Great Britain Great Britain   | the patentability of n application(s) for p   | this application in accordance<br>patent or inventor's certificate   |
| 970478   |  |   | Great Britain  |   | 07 March 1997  |
| Application I hereby the subj  | tion Number  or claim the benefit under 3 ject matter of each of the 112, I acknowledge the di   | 35 U.S.C. 120/365 of all prior claims of this application is no   | United States and PCT international application of disclosed in such prior application at disclosed in 37 C.F.R. 1.56 with this application:   | <br>I applications listed a<br>is in the manner pro   | vided by the first paragraph of 35   |
| Prior U.   | .S./PCT Application(s):  |   |  |   | Status: patented   |
|  | tion Serial No.  |   | Day/Month/Year Filed   |   | pending, abandoned   |
| • •  | 397/02046  |   | 29 July 1997   |   | portaing, abandoned  |
| imprisor<br>applicati<br>22201-4<br>address<br>connecto<br>30184; F<br>C. Spoo<br>29366; 1 | nment, or both, under Section or any patent issued to the transfer of the tran | tion 1001 of Title 18 of the Unhereon. And I hereby appoint (703) 816-4000 (to whom alwely my attorneys to prosecute resulting patent: Arthur R. Clichard G. Besha, 22770; Markitchard, 29009; Duane M. By Mary J. Wilson, 32955; J. Sc | knowledge that willful false stateme nited States Code and that such will to NIXON & VANDERHYE P.C., 1100 communications are to be directed this application and to transact all crawford, 25327; Larry S. Nixon, 2500 k E. Nusbaum, 32348; Michael J. Kreers, 33363; Jeffry H. Nelson, 30481 cott Davidson, 33489; Alan M. Kager D. S. Gill, 37334; Michael J. Shea, 3400 S. Gill, 37 | ful false statements  D North Glebe Rd., ited), and the following business in the Pate 840; Robert A. Vande eenan, 32106; Bryand, 36178; William J. (1725; Donald L. Jack Date: | may jeopardize the validity of the 8 <sup>th</sup> Floor, ArlIngton, VA ng attorneys thereof (of the same of and Trademark Office erhye, 27076; James T. Hosmer, In H. Davidson, 30251; Stanley 3149; H. Warren Burnam, Jr. Griffin, 31260; Robert A. Molan, |
|  | Post Office Address:   | Sainsbury Laboratory, No  | orwich Research Park, Colney Lan   | e, Norwich, Great I   | Britain  |
|  | (Zip Code)   | NR4 7UH   |  |   |  |
| 2.   | Inventor's Signature:<br>Inventor:   | Ralph (first)   | MI   | Date: Date: (last)  | 20/04/2000<br>German<br>(citizenship)  |
|  | Residence: (city)  | Aachen  | (state/country   | ·   |  |
|  | Post Office Address:   | Jahnplatz 1, Aache  |  | of Weberstra  | asse 35, Aachen, German  |
| 3.   | (Zip Code) Inventor's Signature: Inventor: Residence: (city) Post Office Address:  | Rainer (first) Aachen Jakobstrasse 112, Aacher  | BÜ:<br>(state/country  | Date:<br>SCHGES<br>(last)<br>) Germany  | 18/05/2000<br>German<br>(citizenship)  |
|  | (Zip Code)   | 52064   |  | _ · ·   | •  |

FOR ADDITIONAL INVENTORS, check box 🔯 and attach sheet with same information and signature and date for each.

SMW/LP5744446

POLYNUCLEOTIDE AND ITS USE FOR MODULATING A DEFENCE RESPONSE IN PLANTS

subject matter which is claimed and for which a patent is sought on the invention entitled:

RULE 63 (37 C.F.R. 1.63)

FOR PATENT APPLICATION

IN THE INITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereignesiate that my residence, post office address and citizenship are as stated below next to my name, and I believe here the original first and solo inventor (if only one name is listed below) or an original first and joint inventor (if plural names, are listed below) of the I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the

|  | fication of which ( <b>check</b><br>attached hereto  | applicable box(s)):  |  |   |   |  |
|--|--|--|--|---|---|--|
|  | s filed on   | January 29, 1999   | as U.S. Application  | on Serial No. 0   | 9/230,728   | (Atty Dkt. No. 620-58)   |
|  | s filed as PCT Internation   |  | PCT/GB97/0204  |   | n 29 July 19  |  |
|  |  | application) was amended on  |  |   |   |  |
| amendme<br>with 37 C<br>listed belo<br>which priority Fo             | ent referred to above. I<br>.F.R. 1.56. I hereby cla<br>ow and have also identi  | ed and understand the contents of<br>acknowledge the duty to disclose<br>im foreign priority benefits under<br>fied below any foreign application<br>priority is claimed, before the filin   | e information which<br>35 U.S.C. 119/365<br>n for patent or inver  | is material to the<br>of any foreign ap<br>ntor's certificate h   | patentability of population plication (s) for p   | this application in accordance   |
| 9615879.   |  |  | Great Britain  |   |   | <sup>29</sup> July 1996  |
| 9622626.   |  |  | <b>Great Britain</b>   |   |   | 30 October 1996  |
| 9704789.   | 8  |  | Great Britain  | <del></del>   |   | 07 March 1997  |
| -  | claim the benefit under (<br>n Number  | 35 U.S.C. §119(e) of any United D  | States provisional a   |   | ed below.   |  |
| the subject U.S.C. 11  | ct matter of each of the 2, I acknowledge the di   | 35 U.S.C. 120/365 of all prior Uniclaims of this application is not duty to disclose material information. PCT international filing date of this   | lisclosed in such pro<br>on as defined in 37   | ior applications in   | the manner pro  | vided by the first paragraph of 35   |
| Pri r U.S  | JPCT Application(s):   |  |  |   |   | Status: patented   |
|  | n Serial No.   | ε  | Day/Month/Year Fi  | ied   |   | pending, abandoned   |
| PCT/GB9  | 7/02046  |  | 29 July 1997   |   |   |  |
| application 22201-47 addr ss) connected 30184; Rd C. Spoon 29366; Th | n or any patent issued to 14, telephone number individually and collective therewith and with the obert W. Faris, 31352; For, 27393; Leonard C. Nomas E. Byrne, 32205; | hereon. And I hereby appoint NI (703) 816-4000 (to whom all corely my attorneys to prosecute the resulting patent: Arthur R. CravRichard G. Besha, 22770; Mark Editchard, 29009; Duane M. Byers  | IXON & VANDERH<br>ommunications are<br>his application and to<br>wford, 25327; Larry<br>E. Nusbaum, 32348<br>s, 33363; Jeffry H. N<br>Davidson, 33489; A | YE P.C., 1100 No<br>e to be directed)<br>o transact all bus<br>S. Nixon, 25640;<br>; Michael J. Keen<br>Nelson, 30481; Jo<br>Alan M. Kagen, 3 | orth Glebe Rd.,<br>, and the following<br>iness in the Pate<br>; Robert A. Vand<br>lan, 32106; Brya<br>John R. Lastova, 3<br>6178; William J. | ng attorneys thereof (of the same<br>ent and Trademark Office<br>lerhye, 27076; James T. Hosmer,<br>in H. Davidson, 30251; Stanley<br>33149; H. Warren Burnam, Jr.<br>Griffin, 31260; Robert A. Molan, |
| 4.   | Inventor's Signature:  | X  |  |   | Date:   | + November 28, 200   |
|  | Inventor:  | Augustinus   | F.M.   | SIMO  |   |  |
|  |  | (first)  | MI   | (las  | •   | (citizenship)  |
|  | Residence: (city)  | Ede  | The Alektronian de   | (state/country)   | The Netherland  |  |
|  | Post Office Address:<br>(Zip Code)   | Zoetendaal 11, 6715 JL Ede,  | The Netherlands  |   |   | 1111   |
|  | (Zip 0000)   |  |  |   | U   |  |
| 5.   | Inventor's Signature:  | <u>\( \times \) \( \</u> |  |   | Date:   | <u> </u>   |
|  | Inventor:  | Johannes   | S.   | GROEN   |   | (aitin anahin)   |
|  | Desidence: (eity)  | (first)  | MI   | (lag  | The Netherlan   | (citizenship)  |
|  | Residence: (city) Post Office Address:   | Wageningen Bassecour 97, 6701 EC Wag   | eningen The Netl   | ` '' -  | THE REGIETIAN   | us   |
|  | (Zip Code)   | Dassecodi 37, 0701 LO Wag  | chingen, the wea   | ici iai iai   |   |  |
|  | (2.6 0000)   |  |  |   |   | x November 23, 2000  |
| 6.   | Inventor's Signature:  | <u> </u>   |  |   | Date:   | X November 23, 2000  |
|  | Inventor: Residence: (city)  | Theodoor   | A.J.<br>Mi   | VAN DE  |   | e J U.J. Lifetizenship)  |
|  |  | (first) Gorinchem  | (A11   | (lag  | The Netherland  | (001)  |
|  | Post Office Address:   | Rond de Watertoren 109, 42   | 01 ZR Gorlnchem  | (3.0.0,000,11,11,1)   | Homonan   |  |
|  | (Zip Code)   | 20 1121011011111111111111111111111   | J. 2.1 4011110110111   |   |   |  |
|  | (=.F 3333)   |  |  |   | ······································  |  |
|  |  |  |  |   |   |  |

FOR ADDITIONAL INVENTORS, check box 

and attach sheet with same information and signatur and date for each.

620-58 SMW/I P5744446

## RULE 63 (37 C.F.R. 1.63) CECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE INITED STATES PATENT AND TRADEMARK C

As a below named inventor, I hereby sectore that my residence, post office address and citizenship ar as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

|  | natter which is claimed  | eventor (if only one name is listed and for which a patent is sough EYNUCLEOTIDE AND ITS USE  | ht on the invention er   | ntitled:   |  |  |   |
|--|--|---|--|--|--|--|---|
| the spec   | ification of which (checl  | c applicable box(s)):   |  |  |  |  |   |
| -  | attached hereto  |   |  |  |  | _  |   |
|  | as filed on  | January 29, 1999  | as U.S. Applicat   |  | 09/230,72  |  | (Atty Dkt. No. 620-58)  |
|  | as filed as PCT Internati  |   | PCT/GB97/020   | 146  | on <u>29</u>   | luly 1997  |   |
| and (if a  | oplicable to U.S. or PU1   | application) was amended on   | <del></del>  | <del></del>  |  |  | <del></del>   |
| amendm<br>with 37 C<br>listed bel<br>which pri<br>Priority F | ent referred to above. I<br>C.F.R. 1.56. I hereby cla<br>low and have also identi<br>fority is claimed or, if no<br>foreign Application(s):<br>in Number   | ed and understand the content<br>acknowledge the duty to disclaim foreign priority benefits und<br>fied below any foreign applicat<br>priority is claimed, before the f   | ose information whic<br>der 35 U.S.C. 119/36<br>tion for patent or inve  | h is material to t<br>5 of any foreign<br>ntor's certificate   | the patentate application  | oility of this a<br>(s) for patent   | pplication in accordance to inventor's certificate  |
| 9622626  |  |   | Great Britain  |  |  |  | 30 October 1996   |
| 9704789  |  |   | Great Britain  |  |  |  | 07 March 1997   |
| I hereby of the subject U.S.C. 1                             | I n Number  claim the benefit under the the decided th | 35 U.S.C. §119(e) of any Unite<br>35 U.S.C. 120/365 of all prior Unite<br>claims of this application is not<br>uty to disclose material informational filing date of the  | Jnited States and PC t disclosed in such pation as defined in 37   | T international a  | applications   | ner provided   | by the first paragraph of 35  |
| Pri r U.S  | JPCT Application(s):   |   |  |  |  |  | Status: patented  |
|  | n Serial No.   |   | Day/Month/Year F   | iled   |  |  | pending, abandoned  |
| PCT/GBS  |  |   | 29 July 1997   |  |  |  |   |
| application 22201-47 address) connected 30184; ReC. Spoon    | on or any patent issued to the control of the contr | ction 1001 of Title 18 of the Unithereon. And I hereby appoint (703) 816-4000 (to whom all vely my attorneys to prosecute resulting patent: Arthur R. Cr. Richard G. Besha, 22770; Mark Mitchard, 29009; Duane M. Bye Mary J. Wilson, 32955; J. Sco | NIXON & VANDERICOMMUNICATIONS are this application and rawford, 25327; Larry E. Nusbaum, 32348 ers, 33363; Jeffry H. I | HYE P.C., 1100<br>re to be directe<br>to transact all bu<br>S. Nixon, 2564<br>B; Michael J. Ke<br>Nelson, 30481; | North Gleb<br>d), and the<br>usiness in the<br>0; Robert A<br>enan, 32106<br>John R. Las | e Rd., 8 <sup>th</sup> Fl<br>following atto<br>ne Patent an<br>. Vanderhye<br>S; Bryan H. (<br>tova, 33149 | oor, Arlington, VA orneys thereof (of the same of Trademark Office of 27076; James T. Hosmer, Davidson, 30251; Stanley of H. Warren Burnam, Jr. |
| 29834; B.  | . J. Sadoff, 36663; Jame   | es D. Berquist, 34776; Updeep   | S. Gill, 37334; Micha  | ael J. Shea, 347   | 25; Donald   | L. Jackson,  | 41090.*   |
| 4.   | Inventor's Signature:  | X   |  |  |  | Date: 4/   | WOVEMBER 20, 200  |
|  | Inventor:  | Augustinus  | F.M.   |  | NONS   |  |   |
|  | Docidence (site)   | (first)   | MI   | •  | last)  |  | (citizenship)   |
|  | Residence: (city) Post Office Address:   | Ede<br>Zoetendaal 11, 6715 JL Ed  | lo The Netherlands   | (state/country)  | The Neu  | renantas.  |   |
|  | (Zip Code)   | Zoeteridaar 11, 0713 JE Ed  | e, The Neuterlands   |  |  | 1  | <del></del>   |
|  | (2.5 0040)   |   |  |  |  | 00.  | 112-  |
| <b>5</b> .   | Inventor's Signature:  | X V —   |  |  |  | Date:  | rumilti   |
|  | Inventor:  | / Johannes  | S.   | GROE   | NENDIJK  | <b>√</b>   | 2001  |
|  |  | (first)   | MI   | •  | a <u>st)</u>   |  | (citizenship)   |
|  | Residence: (city)  | Wageningen  |  | (state/country)  | The Net  | nerlands   |   |
|  | Post Office Address:   | Bassecour 97, 6701 EC Wa  | ageningen, The Net   | herlands   |  |  |   |
|  | (Zip Code)   |   |  |  |  |  |   |
| -<br>6.  | Inventor's Signature:  | X   |  |  |  | Date: 🗡  | November 23, 2000   |
| <b>.</b>   | Inventor:  | Theodoor  | A.J.   | VAN  | DER LEE  | 7)i —  |   |
|  |  | (first)   | MI   |  | ast)   | The ?  | U.d. Lysitizenship)   |
|  | Residence: (city)  | Gorlnchem   |  | (state/country)  |  | nerlands   |   |
|  | Post Office Address:   | Rond de Watertoren 109, 4   | 201 ZR Gorinchem   |  |  |  |   |
|  | (Zip Code)   |   |  |  |  |  |   |
|  |  |   |  |  |  |  |   |

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.